

# Notice of Allowability

Application No.

09/912,974

Examiner

Marie C. Ubiles

Applicant(s)

KOPTIW ET AL.

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## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment 10/28/2004.
2. ☒ The allowed claim(s) is/are 3,4,8,10 and 11 (renumbered 1-5 respectively).
3. ☒ The drawings filed on 25 July 2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

Marie C. Ubiles  
Patent Examiner  
703-305-0684

### **EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Kin-Wah Tong on 2/25/2005.

The claims in the application has been amended as follows:

3. (previously presented) A method for managing multiple communications between a control point and a plurality of network elements in a telecommunications network, comprising:

receiving at a Service Interaction media (SIM) device call information associated with a call at one of said network elements;

deriving at the SIM device a service code based on the call information;

formulating a service session with the one network element based on the service code, and

controlling operation of the one network element in response to the service session to generate an integrated reply to the control point

wherein said deriving includes providing interworking between two different network protocols in plural network elements, and

wherein said receiving comprises receiving the call information through an out-of-band signaling interface.

4. (previously presented) A method for managing multiple communications between a control point and a plurality of network elements in a telecommunications network, comprising:

receiving at a Service Interaction media (SIM) device call information associated with a call at one of said network elements;

deriving at the SIM device a service code based on the call information;

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formulating a service session with the one network element based on the service code, and

controlling operation of the one network element in response to the service session to generate an integrated reply to the control point,

wherein said deriving includes providing interworking between two different network protocols in plural network elements, and

wherein the two different network protocols are selected from the group consisting of Signaling System 7 (SS7), Integrated Services Digital Network User Port (ISUP), Basic Rate Interface (BRI), Primary Rate Interface (PRI), Simple Internet Protocol – Telecom (SIP-T) and Bearer Independent Call Control (BICC).

8. (presently amended) A method for managing multiple communications between a control point and a plurality of network elements in a telecommunications network, comprising:

receiving at a Service Interaction Media (SIM) device call information associated with a call at one of said network elements;

deriving at the SIM device a service code based on the call information;

formulating a service session with the one network element based on the service code, and

controlling operation of the one network element in response to the service session to generate an integrated reply to the control point,

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wherein said deriving includes providing interworking between two different network protocols in plural network elements,

wherein said formulating includes formulating the service session with plural network elements, and accessing the network elements in parallel.

10. (presently amended) A method for managing multiple communications between a control point and a plurality of network elements in a telecommunications network comprising:

receiving at a Service Interaction Media (SIM) device call information associated with a call at one of said network elements;

deriving at the SIM device a service code based on the call information;

formulating a service session with the one network element based on the service code, and

controlling operation of the one network element in response to the service session to generate an integrated reply to the control point

wherein said deriving includes providing interworking between two different network protocols in plural network elements, and

wherein said deriving the service code includes classifying the call information.

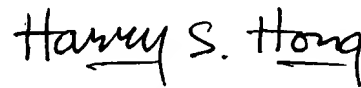
11. (original) The method of claim 10 wherein the service code is based on features of the call information selected from the group consisting of screening, routing, translations, authorization, recording, user-network interaction and internet services.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Marie C. Ubiles whose telephone number is (703) 305-0684. The examiner can normally be reached on 8am-5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad Matar can be reached on (703) 305-4731. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Marie C. Ubiles  
February 25, 2005.

  
HARRY S. HONG  
PRIMARY EXAMINER